

ABSTRACT

The present invention relates to the process for the preparation of compounds of formula (I) or its pharmaceutically acceptable salts

5 Formula I

The novel compounds

(i) 10,11-Anhydro-2',4''-di-O-benzoyl-12-O-imidazolylcarbonyl-6-O-methylerythromycin A of formula (Xa)

Formula (Xa)

10 (ii) 2',4''-di-O-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-6-O-methylerythromycin A 11,12-cyclic carbamate of formula (XIa)

Formula (XIa)

(iii) 2'-O-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-5-O-desosaminyl-6-O-methylerythronolide A 11,12-cyclic carbamate of formula (XIIa)

15 Formula (XIIa)

(iv) 2'-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-5-O-desosaminyl-6-O-methylerythronolide A 11,12-cyclic carbamate of formula (XIIa)

Formula (XIIa)

and their use as intermediates in formation of compound of Formula I. Also the process
20 of preparation of compound of formula (XIIIa).

Formula (XIIIa)